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TEAM SIZE:5

ASSIGNMENT 3:

Write python code for blinking LED and Traffic lights for Raspberry pi.

CODE:

void setup()

{

// put your setup code here, to run once:

Serial1.begin(9600);

pinMode(21, OUTPUT);

pinMode(20, OUTPUT);

pinMode(19, OUTPUT);

}

void loop()

{

// put your main code here, to run repeatedly:

digitalWrite(21, HIGH);

delay(3000); // this speeds up the simulation

digitalWrite(21, LOW);

digitalWrite(20, HIGH);

delay(3000);

digitalWrite(20, LOW);

digitalWrite(19, HIGH);

delay(3000);

digitalWrite(19, LOW);

}